

Annex to Form PCT/ISA/206
COMMUNICATION RELATING TO THE RESULTS
OF THE PARTIAL INTERNATIONAL SEARCH

International Application No
PCT/US 97/05276

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:
1-63, 99-111, 113
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 10 63 364 B (COLUMBIAN CARBON COMPANY) 13 August 1959	
Y	see column 1, line 50 - column 4, line 16; claims 1,2	1-7, 60, 99, 113 8-50, 52, 56, 61-63, 100-104, 106-110
Y	--- US 4 265 939 A (KLAAS TEBBENS ET AL) 5 May 1981 see claims 1,3,8-10; figures 1-5	8-50, 52, 56, 61-63
Y	--- US 4 303 569 A (NUR GÜURAK ET AL) 1 December 1981 see column 4, line 31 - line 38; claim 1; figures 1,3; example 1	8-50, 52, 56, 61-63
Y	--- US 3 403 121 A (PAUL NELSON HARE) 24 September 1968 see figure 1	31-37
Y	--- EP 0 570 715 A (BRIDGESTONE CORPORATION) 24 November 1993 see claim 1	100-103
Y	--- PATENT ABSTRACTS OF JAPAN vol. 006, no. 126 (M-142), 10 July 1982 & JP 57 053340 A (BRIDGESTONE CORP), 30 March 1982, see abstract	104
	--- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

* & * document member of the same patent family

Annex to Form PCT/ISA/206
COMMUNICATION RELATING TO THE RESULTS
OF THE PARTIAL INTERNATIONAL SEARCH

International Application No
PCT/US 97/05276

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 264 290 A (PAUL TOUCHET ET AL) 23 November 1993 see example 1	106
Y	--- US 5 119 927 A (MICHAEL BRÜGGEMANN) 9 June 1992 see claims 1,8	107
P,Y	--- US 5 558 316 A (HYOSANG LEE ET AL) 24 September 1996 see claim 1	108
Y	--- DATABASE WPI Week 9345 Derwent Publications Ltd., London, GB; AN 93-357278 XP002036310 & JP 05 262 918 A (YOKOHAMA RUBBER CO LTD) , 12 October 1993 see abstract	109
Y	--- US 4 917 211 A (TAKAO YAMADA ET AL) 17 April 1990 see claims 13,14,17	110
A	--- US 1 611 278 A (AUGUST H. PETERSEN) 21 December 1926 see page 1, line 86 - line 97 see page 2, line 46 - line 22	1
A	--- EP 0 287 392 A (LUMINIS PTY. LIMITED) 19 October 1988 see column 8, line 56 - column 9, line 5; figures 2A,2D,2E	8,29,30, 39-41, 43,51, 52,61-63
A	--- DE 16 20 918 B (INSTYTUT CIEZKIEJ SYNTEZY ORGANICZNEJ) 9 March 1972 see column 3, line 43 - column 4, line 13; figure 2	40,51
A	--- US 4 744 744 A (TERUHIKO SUGIMORI ET AL) 17 May 1988 see figures 8,9,11	40
A	--- US 4 914 186 A (HELMUT MISS ET AL) 3 April 1990 see column 3, line 23 - line 30; figure 1	46,49
A	--- CH 581 493 A (ESCHER WYSS AG) 15 November 1976 see figures 1,2 -----	53-55

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 1063364 B		BE 541816 A GB 705344 A	
US 4265939 A	05-05-81	CA 1124921 A AU 526365 B AU 5992779 A DE 2948119 A FR 2461722 A GB 2053930 A,B JP 56018603 A	01-06-82 06-01-83 22-01-81 05-02-81 06-02-81 11-02-81 21-02-81
US 4303569 A	01-12-81	CA 1145896 A AU 524615 B AU 5293179 A BE 880827 A DE 2952526 A FR 2461720 A GB 2053929 A,B JP 56018602 A	03-05-83 23-09-82 22-01-81 23-06-80 05-02-81 06-02-81 11-02-81 21-02-81
US 3403121 A	24-09-68	FR 1440477 A GB 1105578 A	11-08-66
EP 570715 A	24-11-93	CA 2095211 A DE 69303115 D DE 69303115 T ES 2088188 T JP 6049279 A	23-11-93 18-07-96 10-10-96 01-08-96 22-02-94
US 5264290 A	23-11-93	US 4843114 A AU 3065589 A CA 1308832 A EP 0326394 A WO 8907121 A	27-06-89 25-08-89 13-10-92 02-08-89 10-08-89
US 5119927 A	09-06-92	DE 4014850 A	14-11-91
US 5558316 A	24-09-96	NONE	
US 4917211 A	17-04-90	JP 1174737 A	11-07-89

Patent Family Annex
Information on patent family members

International Application No
PCT/US 97/05276

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4917211 A		JP 7062409 B	05-07-95
US 1611278 A	21-12-26	NONE	
EP 287392 A	19-10-88	AU 614518 B	05-09-91
		AU 1623588 A	04-11-88
		WO 8808104 A	20-10-88
		CA 1288420 A	03-09-91
		CN 1032385 A,B	12-04-89
		DE 3888222 D	14-04-94
		DE 3888222 T	16-06-94
		ES 2049747 T	01-05-94
		IN 170251 A	07-03-92
		JP 2503947 T	15-11-90
		NO 173842 C	09-02-94
		US 5060867 A	29-10-91
DE 1620918 B	09-03-72	BE 686702 A	15-02-67
		CS 160082 B	28-02-75
		FR 1503623 A	08-02-68
US 4744744 A	17-05-88	JP 1698671 C	28-09-92
		JP 3065375 B	11-10-91
		JP 59172523 A	29-09-84
		JP 1698672 C	28-09-92
		JP 3065376 B	11-10-91
		JP 59174625 A	03-10-84
		CA 1241797 A	06-09-88
		EP 0120456 A	03-10-84
		US 4910850 A	27-03-90
US 4914186 A	03-04-90	DE 3712798 A	03-11-88
		EP 0288790 A	02-11-88
		JP 2533357 B	11-09-96
		JP 63284204 A	21-11-88
CH 581493 A	15-11-76	NONE	